LAHOCINSKI, ZYGHUT

H-23

POLAND/Chemical Technology - Chemical Products and Their Application - Refining of Natural Gases and

Petroleum. Motor and Rocket Fuel. Lubricants.

Abs Jour

Ref Zhur - Khimiya, No 17, 1958, 58688

Author

Lahocinski Zygmunt

Inst

New Technological Processes of Refining Petroleums.

Title

Wiadom. naft., 1957, 3, No 11, 11-12

Abstract

Orig Pub

This reports briefly on a new modification of the Varga method for refining heavy petroleums or tars in motor fuels (hydrogenation under high pressures). For decreasing the pressure during hydrogenation, and increasing the efficiency of the process, it is proposed to first mix such heavy products with lighter petroleum fractions, which permit the process to be carried out at 20-80 at. A test of the method, conducted in Hungary, indicated

that from petroleum of specific gravity 0.945,

Card 1/2

LANOCINSKI, Z

POLAND/Chemical Technology - Chemical Products and Their

H-22

Application, Part 3. - Treatment of Natural Gases and Mineral Oil, Motor and Rocket Fuel, Lubricants.

: Ref Zhur - Knimiya, No 7, 1958, 22702 Abs Jour

Zygmunt Lahceinski Author

Inst

: Reforming as Process of Raising Octane Number of Motor Title

Gasoline.

: Nafta (Polske), 1957, 13, No 7-8, 191-197 Orig Pub

: Brief information conserming the actual processes of ca-Abstract

talytic and non-stalytic gasoline reforming is presen-

ted.

Card 1/1

CIA-RDP86-00513R000928420018-7" APPROVED FOR RELEASE: 06/20/2000

### LAHCCINSKI, Z.

The problem of acidified tar in oil refineries. p. 86.

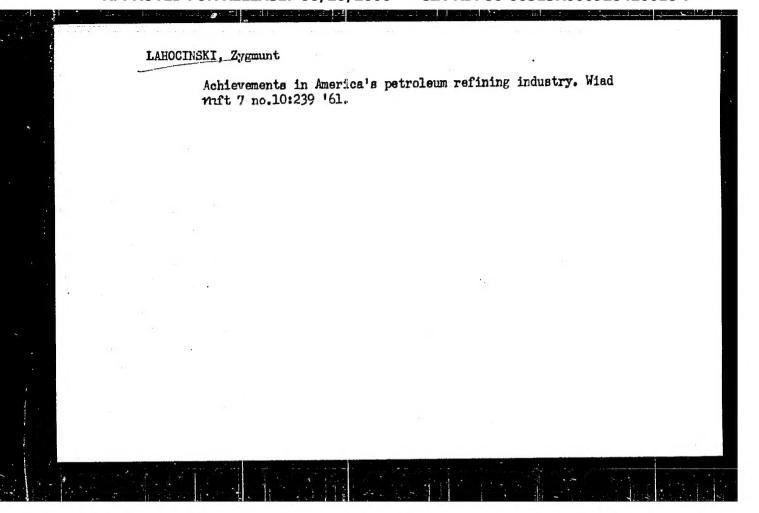
WIADOMOSCI MAFTOME. (Stowarzyszenie Naukowo-Techniczne Inzynierow i Technikow Przemysłu Jaftowego i Zwiazku Zawodowego Gornikow Jaftowcow) Krosno, Poland Vol. 5, no. 4, Apr. 1959.

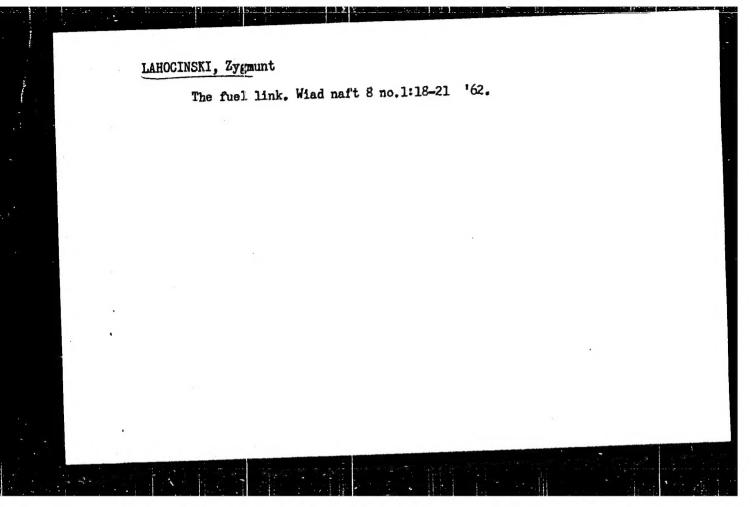
Monthly list of East European Accessions (FEAI) LC, Vol. 8, no. 7, July 1959. Uncl.

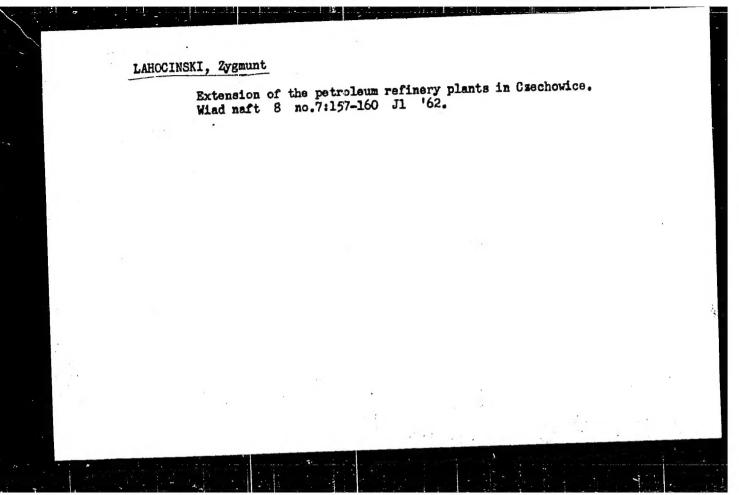
### LAHOCINSKI, Zygmunt

The problem of waste sulfuric acid in English refineries. Wiad naft 7 no.7/8:161-166 J1-Ag '61.

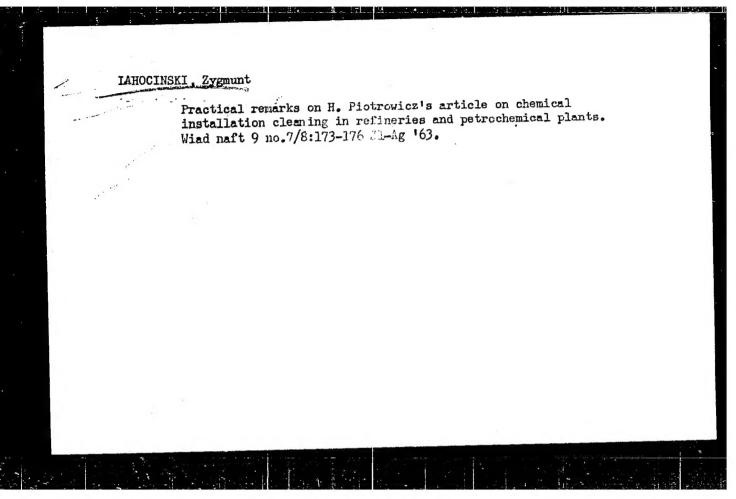
(Sulfuric acid) (Great Britain-Factory and trade waste)



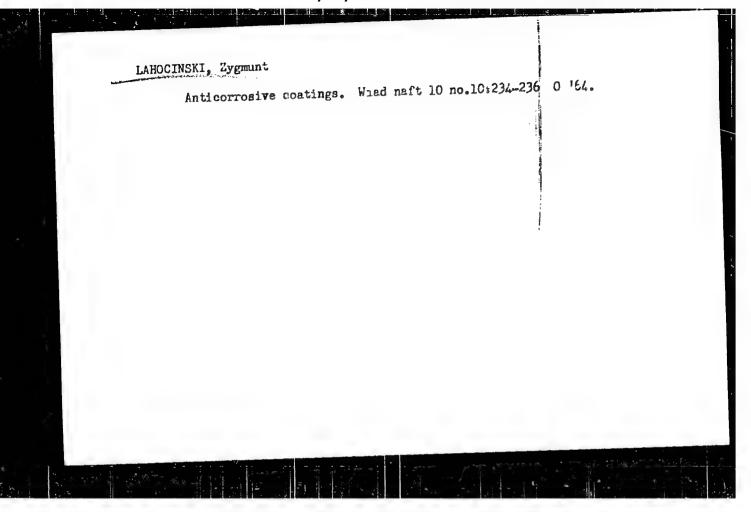


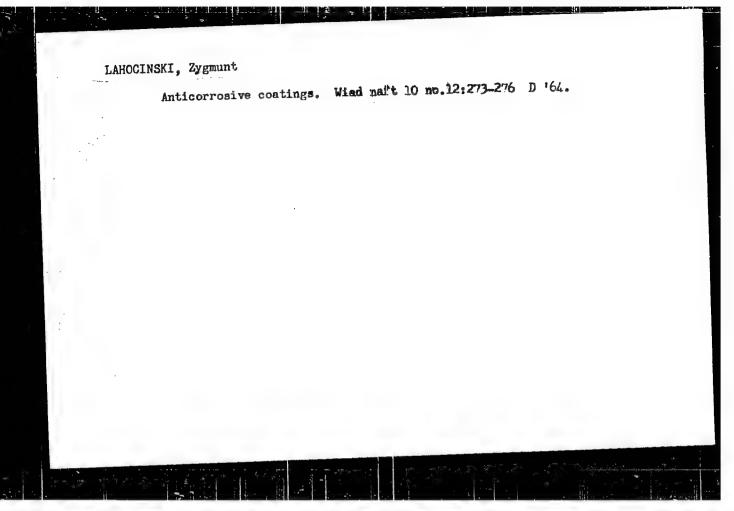


## Elimination of metallic impurities from cracking catalyzers by the Met. -X mathod. Wiad raft 8 no.3:56-57 Mr '62. 1. Redaktor Dzialowy miesiecznika "Wiadomosci Naftowe".



# Hydrogen treatment in the rafining industry. Whad naft 10 no.92 207-211 S\*64





Crinding machine for thich-valled glass products. Sklar a keremik 13 no.5:130-132 My '63.

1. Technicks sklo, n.p., Sazava.

LAHODA, F., inz.

Hydraulic work on the Hornad River near Ruzin. Vocni hosp 15 no.3:125-129 '65.

1. Technical Control Agency, Ruzin.

LAHODNY, A.

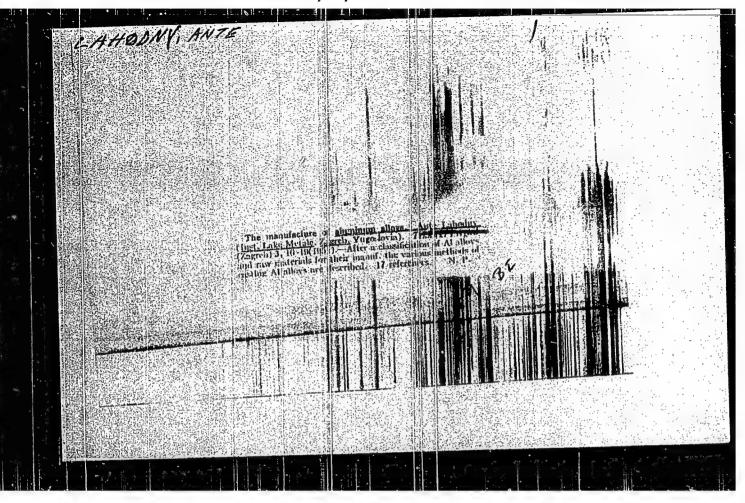
Yugoslavia (430)

Technology

The development of metallurgy and the technology of magnesium and its alloys. p. 1, Metalurgija, Vol. 2, no. 1, 1951.

<u>Rast European</u> Accessions List, Library of Congress, Vol. 2, no. 4, April 1953, UNCLASSIFIED

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000928420018-7



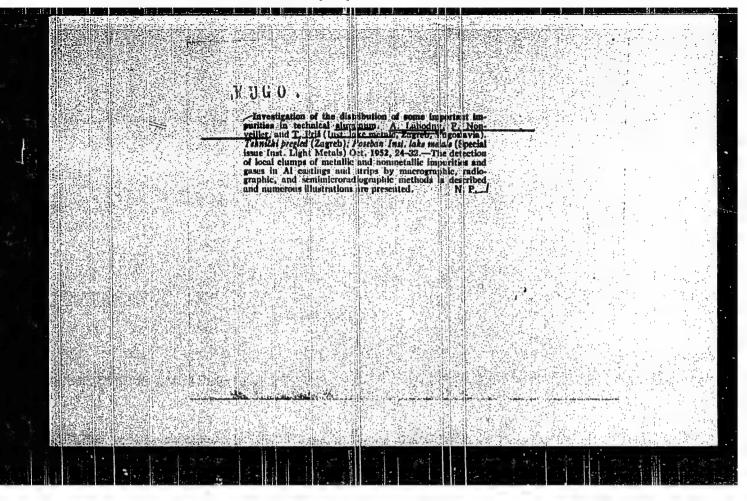
LAHODNY, A.

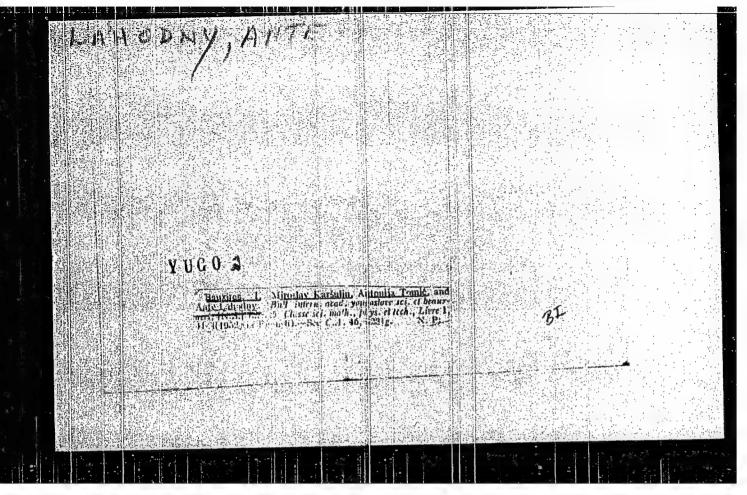
Yugoslavia (430)

Technology-Periodicals

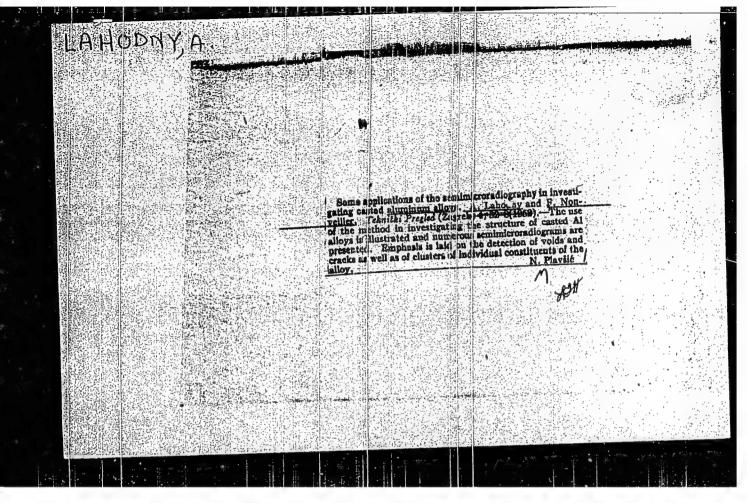
The production of alumina by modern methods in the alumina and aluminum factory at Strnisce, Slovenia. p. 261. TEHNICKI PRECLED. (Croatia. Uprava za unapredenje proizvodnje pri privednom savjetu) Zagreb. (Bimonthly technical journal issued by the Production Improvement Administration of the Economic Council) No. 5, 1951.

East European Accessions List, Dibrary of Congress, Vol. 2, No. 6, June 1953. Unclassified.

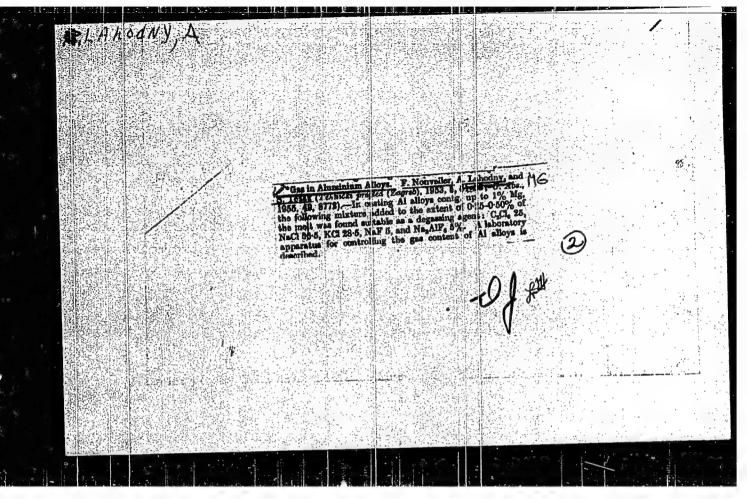




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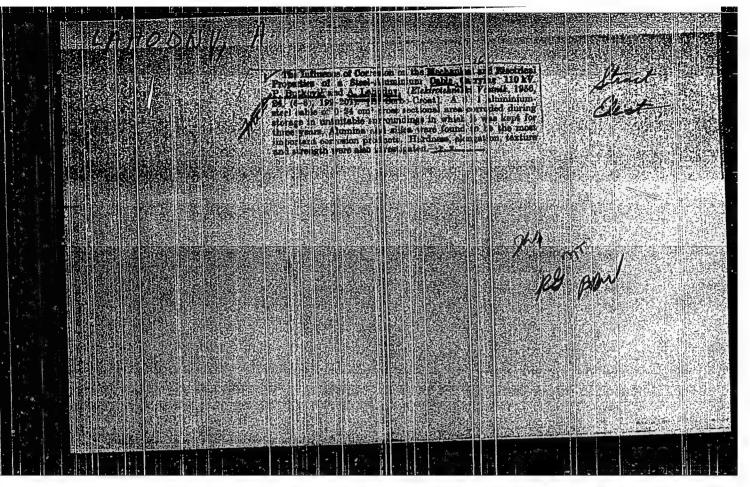


LAHODNY, A.

Karsulin, M.; Lahodny, A. "Determination of hydrar-gillite content in bauxites." p. 340. (Priroda, Vol. 18, nc. 6/7, 1953. Zagreb)

SO: Monthly List of East European Accessions, Vol. 3, no. 3, Library of Congress, March 1954.
Uncl.

"APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000928420018-7



LAHODNY, A., inz. (Zagreb)

The Zagreb Light Metal Institute. Tesla no.13/14:20-22 S-0 '55.

IAHCIA, J. Special features of barvesting frax with a combine. p. 247.

Vol. 6, No. 13, July 1956.
MECHARISACE ELEMETRISMI.
ACRICULTURE
Praha, Ozechoslovakia

Sc. East European Accession, Vol. 6, No. 3, March 1957

LAHOLA, J., inz. CSc.; HECL, J., inz.

Trend in the research on flax, leguminous plants, and oil plants in the years 1966-1970. Vest ust zemedel 12 no.4:174-176 '65.

VASAK, Vladimir, C.Sc.Inz.: LAHOLA, Josef, Inz.

Mechanized flax pulling and binding. Vestnik CSAZV 8 no.4:201-203 (EEAI 10:6)

 Vyzkumna stanice pradnych rostlin Ceskoslovenske akademie zemedelskych ved, Sumperk-Temenice. (Czechoslovakia--Flax)

LAHOLA, Josef, inz.

From the activities of the Agricultural Research Station in Sumperk-Temenice. Vest ust zemedel 10 no.9:360-364 '63.

1. Vyzkumna stanice zemedelska, Sumperk-Temenice.

POLAND / Chemical Technology. Chemical Products. H Ceramics. Glass. Astringents. Concrete.

Abs Jour: Ref Zhur-Khimiya, 1958, No 20, 68241.

Author : Lahovsky J.
Inst : Not given.

Title : Addition of Ash in the Calcination of Clinkers.

Orig Pub: Cement. Wapno. Gips, 1957, 13, No 6, 128-129.

Abstract: In connection with Musyalik's article regarding the addition of ash to clinkers (Ref Zhur-Khimiya, 1957, 52009) numerous tests were conducted to determine quantity of ash additive required in the ovens equipped with chamotte lining. The obtained results were found inadequate for manufacturing

control purposes.

Card 1/1

### "APPROVED FOR RELEASE: 06/20/2000

### CIA-RDP86-00513R000928420018-7

Country : Czechoslovakia

Catogory

H-13

Abs. Jour. :

39473

Author

: Lahovsky, J.

Institut.

: Not given

Title

: The Application of Si-Material as a Special Additive

in the Manufacture of Portland Cement

Oriz Pub.

: Stavivo, 36, No 9, 357-359 (1958)

Abstract

: The desirability of the utilization of Si-raterial ['Si-stoff!] as a hydraulic additive for portland

cement is noted.

Ya. Satunovskiy

Card: 1/1

LAMOUS

COUNTRY

Czechoslovakia

H-13

CATEGORY

## APPROVED FOR RELEASE 06/20/2000

CIA-RDP86-00513R000928420018-7"

AUTHOR

: Limbovsky, J.; Michalek, Z.

IMST.

TITLE

: Rapid Complexometric analysis of Raw Material

in the Production of Cement.

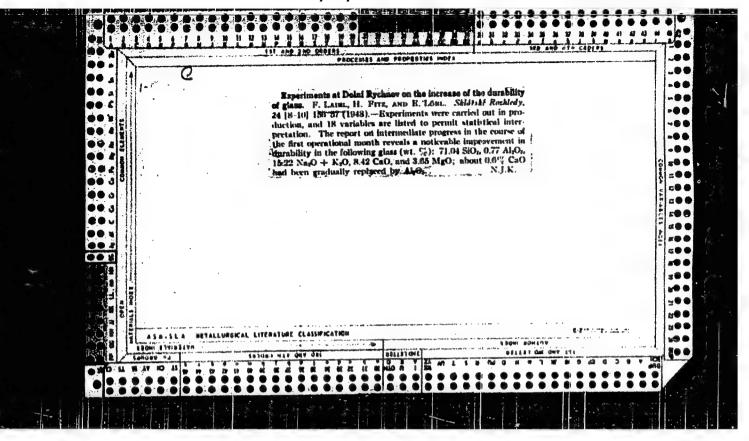
ORIG. PUB.

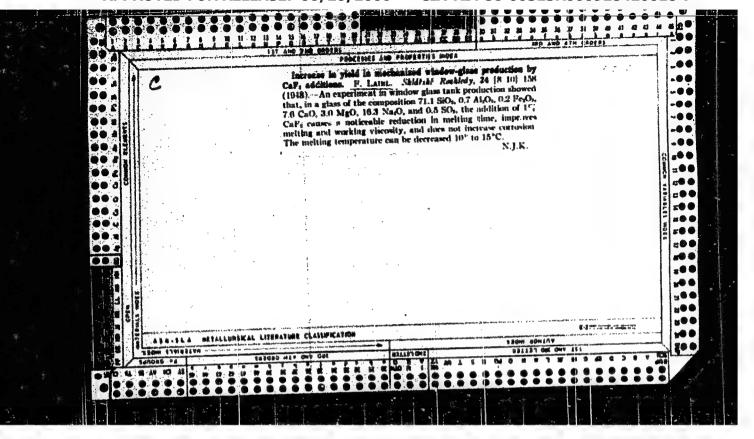
: Stavivo, 1959, 37, No 2, 59-60

: Description of a method of direct complexo-ABSTRACT metric determination of Al<sub>2</sub>O<sub>3</sub> by titration with the use of PaN (1-(2-pyridyl-azo)-2-naphthol) indicator. The method is recommended for laboratories of cement factories.

Ya. Satuncvskiy.

:CARD





IAIBL, F.

"Mechanization and automatization in glassmaking." p. 7

"Initiative of Comrade Kotovov." p. 7

"May to strengthen discipline." p. 8

"Save wrapping material." p. 8

"Planning in mechine shops; a book review." p. 8

(Technicke Noviny, Vol. 1, No. 16, Dec. 1954, Praha)

So: Monthly List of East European Accessions, Library of Congress, Vol. 3, No. 6, June. 1954, Uncl.

LAIBL, F.

Review of the art of glass workers in Zelezny Brod, p. 188, SKLAR A KERAMIK (Ministerstvo lehkeho prumyslu) Praha, Vol. 5, No. 8, Aug. 1955

SOURCE: East European Accessions List (EEAL) Library of Congress, Vol. 4, No. 12, December 1956

LAIBL, F.

Use of technical-organizational measures. p. 73. SKIAR A KURAMUE. (Ministerstvo lehkeho prumyslu) Praha. Vol. 5, no. 11, Nov. 1955.

SOURCE: East European Accessions List, Vol. 5, no. 11, September 1956

### LAIBL, F.

Use of small-scale mechanization in the glass industry. p. 52. SKLAR A KERAMII, Prague, Vol. 6, no. 3, Par. 1956.

SO: Monthly List of Past European Accessions, (EEAL), LC, Vol. 5, No. 6 June 1956, oncl.

### LAIBL, F.

Loss of glass in drawing and processing on Fourcault machines. p. 58, Chemical analysis of aluminum oxide. p. 59. SKLAR A KERAMIK, Prague, Vol. 6, no. 3, Mar. 1956.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6 June 1956, Uncl.

LAIBL, F.

Cooperation of research workers in the silicate industry. p. 180. SKLAR A KERAMIK, (Ministervo lehkeho prumyslu) Praha. Vol. 6, no. 7, July 1956.

SOURCE:

East European Accessions List, (EEAL), Library of Congress. Vol. 5, no. 12,

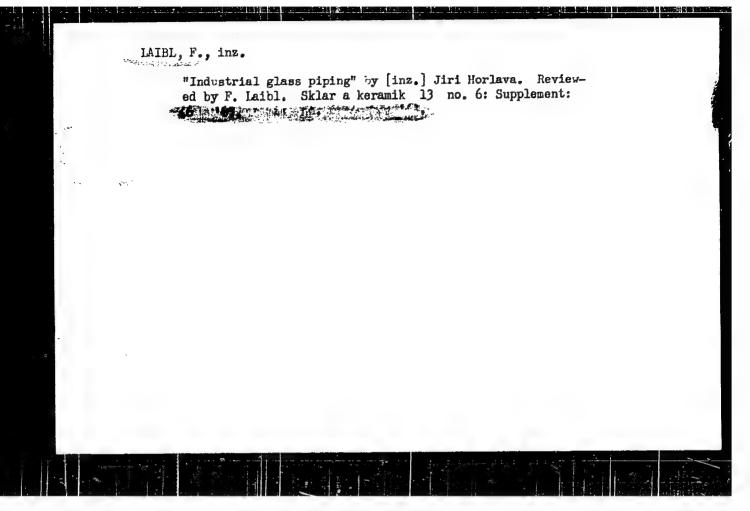
December 1956

LAIBL, F.

"Scientific management of work."

p. 25 (Sklar A Keramik) Vol. 8, no. 1, Jan. 1958. Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4, April 1958



LAIBL, Frantisek, inz.

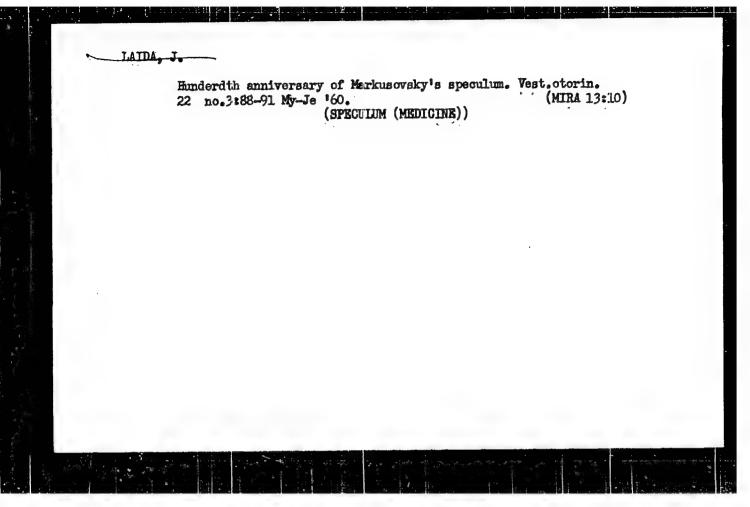
"Sprechsa2l silicate 1963/64 yearbook." Reviewed by Frantisek
Laibl. Sklar a keramik 14 no.9; Suppl:insert S '64.

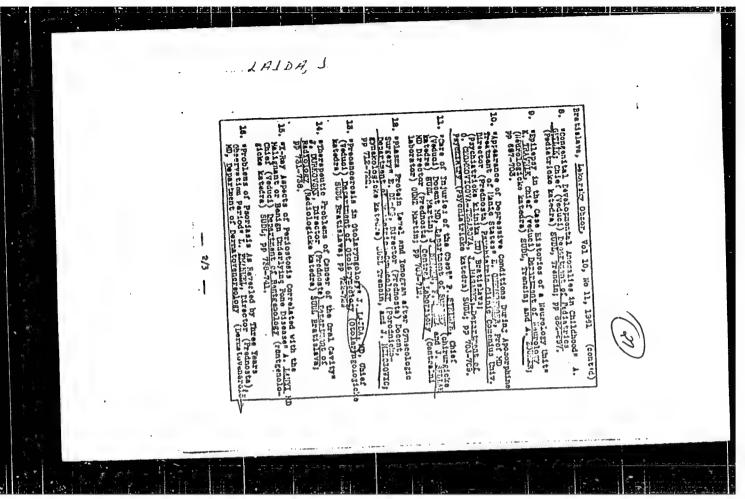
### LAIBL, Josef; PROKS, Ctired

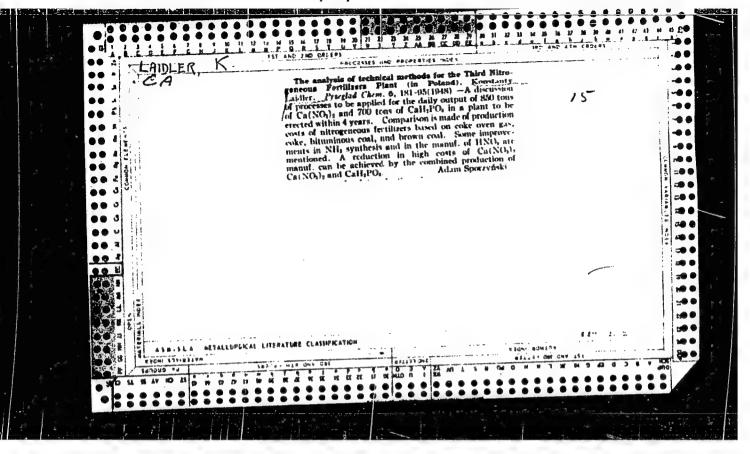
Cerebro-pituitary insufficiency in a child after the roentgenirradiation of hemangiona of the forehead. Cesk.pediat.16 no.2: 101-105 F '61.

1. Detske oddeleni OUNZ ve Strakonicich, prim. MUDr. J. Iaibl. Patologickoanatomicke oddeleni OUNZ v Pisku, prim. MUDr. C.Proks. (HEMANGIOMA radiother)

(SCALP neopl)
(RADIATION INJURY in inf & child)
(BRAIN radiation eff)
(PITUITARY GLAND radiation eff)







LATDLER, K.

Kedzierzyn Nitrogen Plants.

p. 404 Vol. 11, no. 8, Aug. 1955 PRZEMYSL CHEMICZNY Warszawa

SO: \* Monthly List of East European Accessions (EEAL), LC, Vol. 5, no. 2 Feb. 1956

# LAIDLER, K.

Problem of the technical progress of the chemical industry in the 5-year Plan.

P. 10 (Przeglad Chemiczny. Vol.12, no. 1, Jan.1956, Warszawa, Poland)

Monthly Index of East European Accessions (EFAI) LC. Vol. 7, no. 2, February 1958

H-21

LAIDLER, K.

POLAND / Chemical Technology, Chemical Products and Their Application. Part 3. - Treatment of Solid Combustible Minerals.

Abs Jour : Ref. Zhur. Khimiya, No 4, 1958, 12429.

: K. Laidler. Author The the Residence

: Not given. Inst

: Ways for Rational Utilization of Fuel in Poland. Title

Orig Pub : Przem. chem., 1957, 13, No 6, 306 - 312.

: The technical-economical questions concerning the treatment and utilization of solid, liquid and gaseous fuels under Abstract conditions in Poland were discussed; based on the above, the following proposal concerning the plan of development of these branches of the national economy were made; development of the production of natural gases and brown coal,

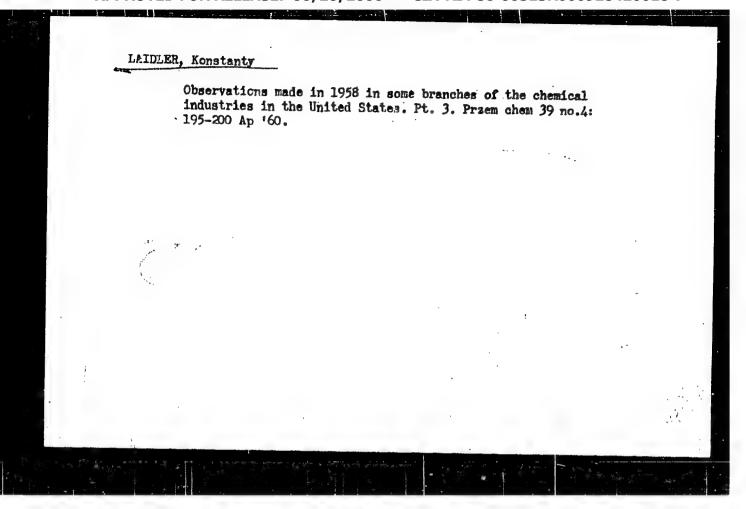
Card 1/2

COURTEY : POLAND : Chemical Technology. Chemical Products and Their Uses. Part I. General Problems KEUNTAD, : EZYbim., No. 1 1960, No. 1414 MEJ. JOE. : Laidler, K. 70 12 III LS : On the Proper Alternation of Tasks in the Prospective Flan for Development of the National. Economy Wife, PMB. : Przem. chem., 1958, 37, No 12, 749-757 : Data concerning the development of the national LABSTRACT economy of Poland and some other countries are miven .-- D. Yakesh 1/1 CARD: H-l

# LAIDLER, Konstanty

Observations made in 1958 in some branches of the chemical industry of the United States. Pt. 1. Przem chem 39 no.2: 63-67 F '60.

# Observations made in 1958 in some branches of the chemical industry of the United States. Pt. 2. Frzem chem 39 no.3:129-132 Mr '60.



P/014/61/040/003/001/005 A221/A126

AUTHOR:

Laidler, Konstanty

TITLE:

Acceleration of the development of chemical products based

on fuel transformation is necessary and of pressing

importance

PERIODICAL: Przemysł Chemiczny, no. 3, 1961, 129-133

TEXT: In this article the author outlines his ideas about the necessity and possibilities of further development of chemical industries based on solid-liquid- and gaseous fuels. For the time being, liquid and gaseous fuels seem to gain some preference over solid fuels because their transformation processes require less power and capital investments. As raw materials they contain enough carbon and hydrogen necessary for transformation into final products, while solid fuels have a hydrogen deficieny. Hydrogen-poor coal can be transformed into acetylene, a product only slightly richer in hydrogen, but a valuable semiproduct in chemical syntheses. The development of the fuel-transforming chemical industry is closely linked with the development of metallurgical- and coke Card 1/4

Acceleration of the ...

P/014/61/040/003/001/005 A221/A126

chemical industries on one hand and on the other with the development of motorization and capacity of oil refineries. The development of the cokechemical industry is already well defined for the next decade and the following semiproducts will be available:

crude benzene	1960	1965	1970
crude coal tar	150,000 t	210,000 t	257,000 t
coke oven gas	471,000 t	645,000 t	800,000 t
(in million m <sup>3</sup> ) 4,940 consumption of gas for syntheses (in million m <sup>3</sup> )		7,260 500	9,850 550

Development of oil refinery capacities is linked with motorization which, according to author's opinion, is not adequate in comparison with Polish needs and should be adjusted accordingly. The chemical industry will need for its own purposes by 1965 - 900 billion m, by 1970 - 2,400 billion m, and by 1975 - 2.800 billion m. In order to catch up with well developed European countries, the average annual progress of Polish chemical industry in 1961-1965 should increase to about 25% instead of to Card 2/4

P/014/61/040/003/001/005 A221/A126

Acceleration of the ...

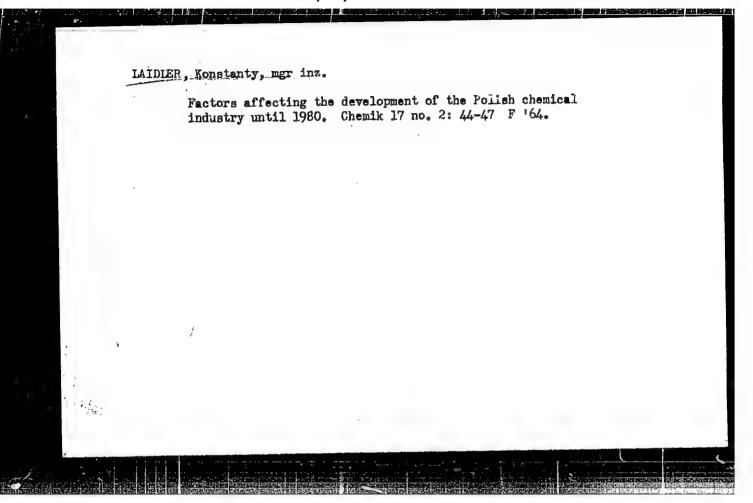
20% as officially planned. Considering the fact that there is a great demand for chemical products, and that the supply of raw materials will improve, the author suggests that the following industries should be developed ahead of plan: 1) Plastics and synthetic resins should reach 500,000 tons by 1970 instead of the planned 350,000 tons and by 1975 -950,000 tons instead of 550,000 tons. The average annual increase between 1965-1970 should be 30% and between 1970-1975 - 18%. 2) Rubber tire production should reach 135 tons instead of 120 tons and by 1970 -200 tons instead of the planned 180 tons. (Abstracter's Note: It seems that in the last paragraph the figures should be in the thousand tons and not in hundreds. It is an obvious mistake). 3) Synthetic detergents should reach by 1970 - 40,000 tons instead of 30,000 tons as planned. During the current 5-Year Plan about 30 large chemical plants will be built, mostly based on foreign licenses purchased for over 200 million dollars. They will include aliphatic semiproducts, semiproducts for plastics, plastic polymers and high-temperature processes. Production from plants based on processes developed by Polish research laboratories in 1956-1960 will include hydrocyanic acid from methane, chlorine compounds of methane, methylamine, ethanol, antraquinone, maleic acid Card 3/4

P/014/61/040/003/001/005 A221/A126

Acceleration of the ...

anhydride, plasticizers and epoxy resins. This production will help to exceed the planned 20% increase of the output of the chemical industry. Requirements for new technological processes which will have to be developed and mastered by Polish chemists by 1961-1965 are even greater. In the final part of his article, the author analyzes the reality of his suggested average annual increase of chemical industrial production value by 24% instead of the planned 20% by 1965. It can be done by intensified production, increased efficiency, reduction of raw material consumption, etc. In order to boost research, cash rewards will be granted to the personnel. The author suggests some changes in organization of research; a) increase the scope of research in heavy organic synthesis, b) increase the number of technical personnel to carry out improvements in plants already working, c) correct the distribution of tasks between and within Industrial Unions, d) speed up supply of research laboratories with materials and installations from the central reserves of the Ministry of Chemical Industry. There are 4 tables and 1 Soviet-bloc reference.

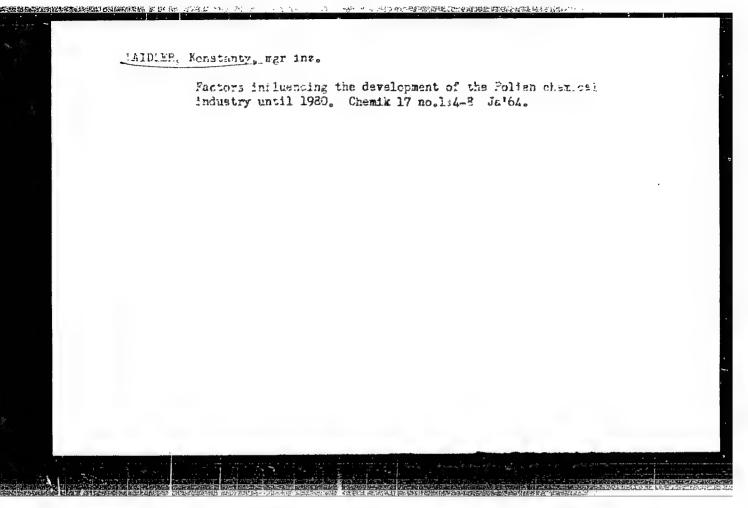
Card 4/4

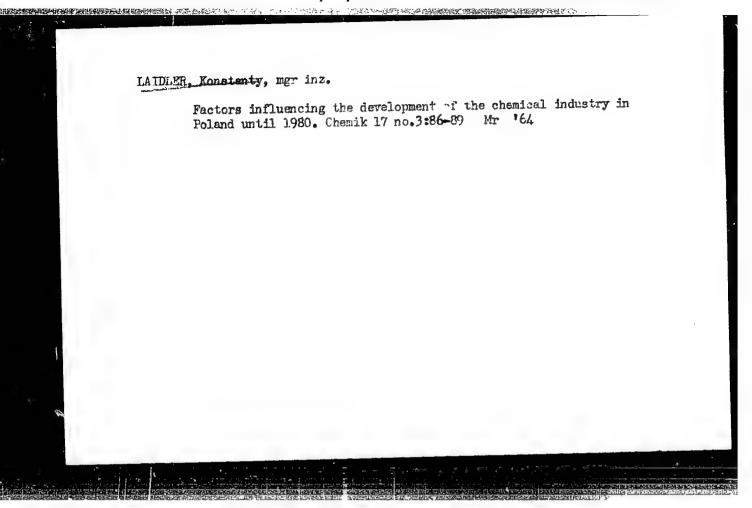


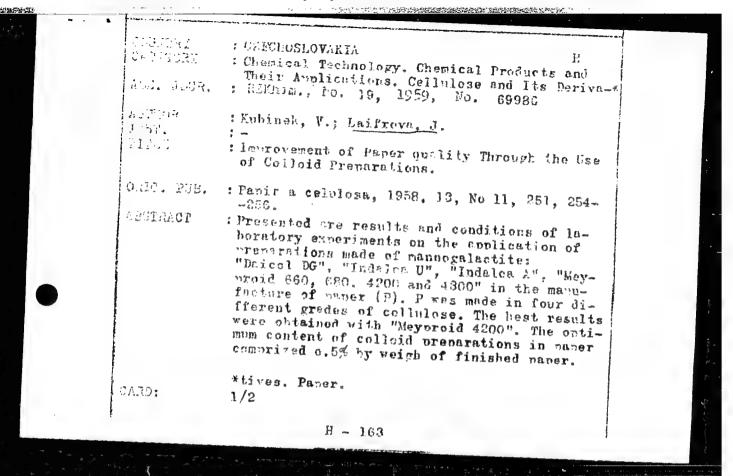
LAIDLER, Konstanty

Role of the Institute of General Chemistry in the chemical industry. Przem chem 42 no.12:659-660 D'63.

1. Ministerstwo Przemyslu Chemicznego, Warszawa.







COUNTRY H GATZGORY ABS. JOUR. : AZENia., so. 19, 1959, so. 69986 rarad ORIG. PUB. : : All celluloses made of fir rulm, processed 1.43年最初 culturies sechenical presention. Properties of beech collulose with "Maynoid" were unchanged 1 11 by 15-20%. It was established that in the resence of the above stated preparations the retention of fillers was improved by 80-85%. The dependency of results on the manufacturing "rocess conditions was noted, -- D. lakesh. CAED: 2/2

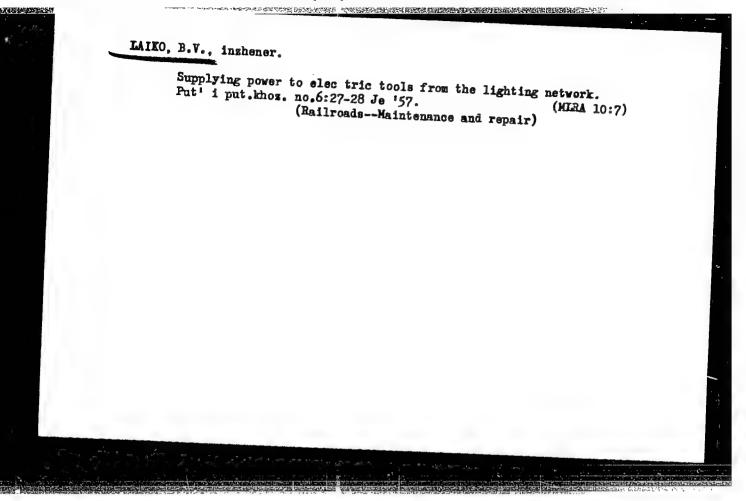
LAIFROVA, J.; KUBINEK, V.

New raw materials for the paper industry. p. 201

PAPIR A CELULOSA. (Ministerstvo lesu a drevarskeho prumyslu) Fraha, Czechoslovakia, Vol. 14, no. 9, Sept. 1.51

Monthly List of East European Accessions (ELAI) LC, vol. 9, no. 1, Jan. 1960

Uncl.



IAINBURG, D.Ye. (Kiyev)

Broader indications for a cervical vagosympathetic block. Klin.med.
35 [i.e.34] no.1 Supplement:50 Js '57. (MIRA 11:2)

1. Iz kliniki obshchey khirurgii (zav. - prof. I.N. Ishchenko)
Kiyevekogo ordena Turdovogo Krasnogo Znameni meditsinskogo instituta
imeni akad. A.A.Bogomol'tas (dir. - dotsent I.P.Alekseyenko)

(CHEST--WOUNDS AND INJURIES) (LOCAL ANESTRESIA)

では最後をはののはは同時間がは、またとう。

LAINCSAK, Istvan, erdomernok-tanar

Economical selection of electric machines for woodworking plants. Erdo 12 no.12: 550-556 D'63.

1. Erdeszeti Technikum, Sopron.

IAINCSAK, Istvan, mernok-tanar (Sopron)

Improving the performance factor of wood industry electric machines (engines) by natural way. Pt. 3. Faipar 14 no. 6: 183-185 Je '64.

1. Technical School of Forestry.

LAINCSAK, Istvan, tanar

Economical operation of the electric machines (engines) of woodworking plants. Erdo 13 no.5:214-220 My 164.

1. Technical School of Forestry, Sopron.

IAINOVIC, C., dr.; RADOSEVIC, Z. doc. dr.

Trichinesis; case reports. Med. pregl. 7 ne.2:99-107 1954.

1. Klinka za unutranje bolesti Medicinskog fakulteta u Zagrebu; predstojnik prof. dr. A.Han.
(TRICHINOSIS, epidemiol.

\*Yugosl.)

LAINOVIC, C.

HAHN, A., dr.; LAINOVIC, C., dr.; CERLEK, S., dr.

Atypical pictures of amebiasis. Lijec. vjes. 76 no.3-4:128-137 Mar-Apr 54.

1. Iz Interne klinike Medicinskog fakulteta Sveucilista u Zagrebu. (AMEBIASIS, pathol.)

Lipemia in clinical pathology. Lijec vjes. 79 no.3-4:110-113 Mar-Ann

l. Iz Internog odjela Opce bolnice Blazox Ornaldic u Barr. (LIPIDS, in blood excess in mathol. cond., review (Ser))

57.

# LAINOVIC, Codomir, dr.

Amebiasis in the short region of Montenegro. Med. glasn. 13 no.11: 537-540 H 159.

### IAINOVIC, Cedomir

Pressure-induced osteoarthropathies in decompression syndrome. Srpski arh. celok. lek. 87 no.2:156-166 Feb 59.

1. Interno odeljenje Opste bolnice Blazo Orlandic u Baru. Sef: dr Cedomir Iainovic.

n, and a substitution of the substitution of the

(DECOMPRESSION SICKNESS, compl. joint dis. (Ser)) (JOINTS, dis. in decompression sickness (Ser))

### LAINOVIC, Cedomir, dr.

Clinical investigations on hypotensive properties of olive leave extracts. Srpski arh. celok. lek. 89 no.2:179-190 F '61.

1. Interno odeljenje Opste bolnice "Blazo Orlandic" u Baru. Sef: dr Cedomir Lainovic.

(PLANTS extracts) (ANTIHYPERTENSIVE AGENTS pharmacol)

### YUGOSLAVIA

LAINOVIC, Cedomir; MARJANOV, Dusan; JOVANOVIC, Aleksandar; and STOJANOVIC, Irina; Second Department of Internal Medicine (II interno odeljenje); Chief (Nacelnik) Dr Cedomir LAINOVIC; and Department of Obstetrics and Gynecology (Ginekolosko-akusersko odeljenje), Chief Primarius Dr Dusan KUSOVAC, City Hospital (Gradska bolnica), Zemun - Belgrade.

"The Stein-Leventhal Syndrome."

Belgrade, Srpski A hiv za Tselokupno Lekarstvo, Vol 91, No 4, Apr 63; pp 427-432.

Abstract [German summary modified]: Case report: woman aged 22 with hirsutism, obesity, amenorrhea, mammary hypoplasty. Wedge resection of about 50% of ovarian tissue bilaterally was followed by normal menses, normal mammary tissue, slow loss of excess weight but no change in body hair. Prednisone had to be discontinued because of peptic ulcer. Two photographs, 2 Yugoslav and 14 Western references.

1/1

LAINOVIC, Cedomir; MARJANOV, Dusan; JOBANOVIC, Aleksandar; STOJANOVIC, Irina

Stein-Leventhal syndrome. Srpski arh. celok. lek. 91 no.4: 427-432 Ap '63.

L. II interno odeljenje Gradske bolnice u Zemunu (Beograd) Nacelnik: dr Cedomir Lainovic Ginekolosko-akusersko odeljenje Gradske bolnice u Zemunu (Beograd) Nacelnik: prim. dr Dusan Kusovac.

(STEIN-LEVENTHAL SYNDROME)

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LAINOVIC, Gedomir; JANCIC, Marija; DAMNJANOVIC, Milica; MIHAJLOVIC, Milan; BORDEVIC, Branko

Mesothelioma peritonei. Srpski arch. celok. lek. 91 no.11: 1083-1088 Nº63

1. II interno odelenje Gradske bolnice u Zemmu - Novi Beograd (nacelnik: dr. Cedomir Lainovic); Patolosko-anatomski institut Medicinskog fakulteta Univerziteta u Beogradu (upravnik: prof.dr. Zivojin Ignjacev.

### LAIPERT, Miloslav, inz.

For further development of telecommunications. Cs spoje 7 no.1: 1-3 Ja 162.

1. Namestek ministra dopravy a spoju.

## Lairer, Miloslav, inz. Long-term goal of the development of telecommunications. Cs spoje 7 no.11:1-3 N '62. 1. Namestek ministra dopravy a spoju.

### LAIPERT, Miloslav, inz.

Let us in the communication services work with all our force on the performance of the Decision of the 12th Congress of the Communist Party of Czechoslovakia. Cs spoje 8 no.1:1-3 F '63.

1. Vedouci Ustredni spravy spoju.

LAIPERT, Miloslav, inz.

For further improvement of the operation of communications. Gaspoje 8 no.3:1-4 Je \*63.

1. Reditel Ustredni spravy spoju.

# Action plan, a mobilization tool. Cs spoje 8 no.4:1-4 Ag '63. 1. Reditel Ustredni spravy spoju.

LAIPERT, Miloslav, inz. 

Quality is the main goal of telecommunications. Cs spoje 10 no.1: 1-2 F 165.

1. Director of the Central Administration of Telecommunications, Prague.

CIA-RDP86-00513R000928420018-7" APPROVED FOR RELEASE: 06/20/2000

IAISHEV, A. Kh. (Candidate of Veterinary Sciences, Scientific Research Institute of Agriculture in the Extreme North [Krainii Sever]).

"Diseases and their treatment in the area of the hoofs of reindeer..."

Veterinariya, vol. 39, no. 2, February 1962 pp. 56

BUCHNEV, K.N., prof.; SHAKHMATOV, M.M., kand. veterinarnykh nauk; TITOV, V.L., nauchnyy sotrudnik; MEN'SHIKOV, L.F., nauchnyy sotrudnik; KRIVENKO, O.P., vrach-laborant; VOVK, V.I., vrach-laborant; LAISHEVA, M.M., vrach-laborant; POLUBOYAROVA, G.V., vrach-laborant

Diagnosis of rabies by precipitation reaction in agar gel. Veterinaria 40 no.3:66-70 Mr '63. (MIRA 17:1)

1. Alma-Atinskiy zooveterinarnyy institut (for Buchnev).
2. Laboratoriya virusologii nauchno-issledovatel'skogo veterinarnogo instituta Kazakhskoy akademii sel'skokhozyayst-vennykh nauk (for all except Buchnev).

L 44398-66 EWT(m)/EWP(t)/ETI IJP(c) JD/WB

ACC NR: AP6024526

SOURCE CODE: UR/0148/66/000/007/0114/0118

AUTHOR: Shreyber, G. K.; Zhetbin, N. P.; Saakiyan, L. S.; Laisova, I. Ya.

ORG: <u>Institute of the Petrochemical and Gas Industry</u> (Institut neftekhimicheskoy i gazovoy promyshlennosti)

TITLE: The influence of deformation on <u>intercrystalline corrosion</u> of type 18-8 stain-

SOURCE: IVUZ. Chernaya metallurgiya, no. 7, 1966, 114-118

TOPIC TAGS: stainless steel, corrosion resistance, metal grain structure, magnetic saturation / 2Kh18N9 steel

ABSTRACT: The effect of preliminary deformation and tempering on intercrystalline corrosion of 18-8 stainless steel was studied. 

2Kh18N9 steel was deformed, after annealing: 37, 15, 10 and 0% at +20 and -70°C. All wire samples were subsequently annealed at 550 and 650°C for 2, 4 and 8 hrs. The amount of  $\alpha$ -phase present was determined on a magnetometer. By lowering the deformation temperature to -70°C, greater amounts of  $\alpha$ -phase formed. The magnetic saturation increased rapidly after 10% deformation, the more so for unannealed specimens. Samples were boiled for 24 hrs in a standard solution (160 g CuSO<sub>4</sub>·5H<sub>2</sub>O, 100 ml H<sub>2</sub>SO<sub>4</sub> of density 1.84 g/cm<sup>3</sup> in 1000 ml of water in the presence of copper chips). After boiling, samples were measured for

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UDC: 669.14.018.8-12:620.196

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electrical resistivity ( $\Delta\rho/\rho_0\cdot100^\circ$ ), bent at right angles on a press with a radius of curvature of 5 mm and examined with an eyeglass after one bend and ten bends. Data are given for a variety of testing conditions: the above deformation temperatures, & deformation and tempering cycles. For any particular set of test conditions, qualitative descriptions of the bend surface are included, e. g., no cracking, deep cracks, average number of cracks, etc. Plastic deformation increased the rate of intercrystalline corrosion while decreasing the rate of general corrosion in most of the samples. The relative decrease in diameter of the "active" section is given as a function of deformation for different deformation and tempering temperatures. The relative change in resistivity is given as a function of tempering time. Optimal conditions for preventing intercrystalline cracking in 18-8 stainless steel are presented in a three-dimensional plot of the experimental conditions. Deformation at -70°C transformed more of the  $\gamma$ -phase into the ferromagnetic  $\alpha$ -phase and its influence on corrosion was more pronounced than for +20°C. Orig. art. has: 4 figures, 1 table.

SUB CODE: 11,20/ SUBM DATE: 28Mar66/ ORIG REF: 005/ OTH REF: 004

Card 2/2 egk

S/190/62/004/011/013/014 B101/B144

AUTHORS: Laita, Z., Jelinek, M.

TITLE: Kinetics of the anionic polymerization of cyclic polydimethyl-

siloxane

PERIODICAL: Vysokomolekulyarnyye soyedineniya, v. 4, no. 11, 1962, 1739-1745

TEXT: The rate at which cyclic polydimethyl siloxanes with 3-9 Si atoms polymerize to linear polymers under the action of KOH, NaOH, or LiOH was measured dilatometrically. The experimental data are represented graphi-

 $\frac{\text{cally:}}{[M]_0^{l_0} - [M]_1^{l_0}} + \frac{1}{2} \ln \frac{([M]_0^{l_0} - [M]_r^{l_0})([M]_r^{l_0} + [M]_r^{l_0})}{([M]_0^{l_0} + [M]_r^{l_0})([M]_r^{l_0} - [M]_r^{l_0})} = \frac{k_1 K_1^{l_0}}{2} \cdot \frac{[c]_1^{l_0}}{[M]_r^{l_0}} \cdot t. \tag{1}$ 

according to K. Veselý, M. Kucera (Symposion on Macromolecules, Wiesbaden, German Federal Republic, Kurzmitteilungen IV, B 3, 1959). [M] is the initial concentration of polydimethyl cyclosiloxane, [M] is the concentration of polydimethyl cyclosiloxane; [M] is the concentration of polydimethyl cyclosiloxane in equilibrium, [c] is the concentration of the cata-Card 1/3

Kinetics of the anionic ...

S/190/62/004/011/013/014 B101/B144

lyst,  $K_1$  is the equilibrium constant,  $k_1$  is the rate constant, t is the time. The constant K' of the total rate of polymerization was calculated from K' =  $k_1 K_1^{1/2}/2$  = tan  $\cdot \int_{\mathbf{R}} \int_{\mathbf{r}}^{1/2}/\left[c\right]^{1/2}$ , where tan a is the slope of the straight line (1). The activation energy E and the coefficient A were calculated from  $K' = A \exp(-E/RT)$ . Results: (a) for all rpolydimethyl siloxanes studied, except the trimer hexamethyl cyclotrisiloxane, E = 19.5 ± 0.5 kcal/mole. For this trimer E = 17.5 kcal/mole, since its molecules are subject to internal stress according to W. A. Piccoli et al. (J. Amer. Chem. Soc., 82, 1883, 1960). (b) The coefficient A depends on the number of Si atoms in the siloxane molecule, being smallest for the tetramer and the pentamer and increasing strongly for the hexamer and the heptamer. This is explained by the effect of the ring structure on the thermodynamic probability for the formation of a transition complex with a pentavalent silicon atom. (c) When the hexamer is polymerized, the slowly reacting tetramer forms in consequence of the depolymerization proceeding simultaneous-co-This is manifested in the fact that after the polymerization rate has reached a maximum it decreases as the tetramer concentration increases. There are 4 figures and 2 tables. Card 2/3

Kinetics of the anionic ...

S/190/62/004/011/013/014 B101/B144

ASSOCIATION:

Nauchno-issledovatel'skiy institut makromolekulyarnoy khimii Rino (Scientific Research Institute of Macromolecular Chemistry

SUBMITTED:

March 12, 1962

Card 3/3

CIA-RDP86-00513R000928420018-7" APPROVED FOR RELEASE: 06/20/2000

**Z/009/60/010/05/011/040 E**112/**E**153

AUTHORS: Z. Macháček and Z. Laita

Card

1/2

TITLE: Laboratory Purification of Ethylene

PERIODICAL: Chemický Průmysl, 1960, Vol 10, Nr 5, pp 251-252

ABSTRACT: A laboratory method for the purification of technical ethylene is described. The purified compound was analysed by chromatographic method. Its impurities were less than 0.01% and did not show an inhibition period in free radicle polymerisations. A diagram of the assembly

of equipment is given. The method of purification is as follows. Technical ethylene is passed through an aqueous solution of potassium hydroxide, followed by passage through a purifying column containing a solution of cuprous chloride, ammonium chloride and copper shavings.

It is then led through a column of concentrated sulphuric acid, anchored on silica gel. The final passage is through columns of silica gel with carbon dioxide as carrier and flow determining factor. The final purification was

carried out by gas chromatography using again carbon dioxide as carrier. It is claimed that completely

reproducible results were obtained. The course of the

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Laboratory Purification of Ethylene

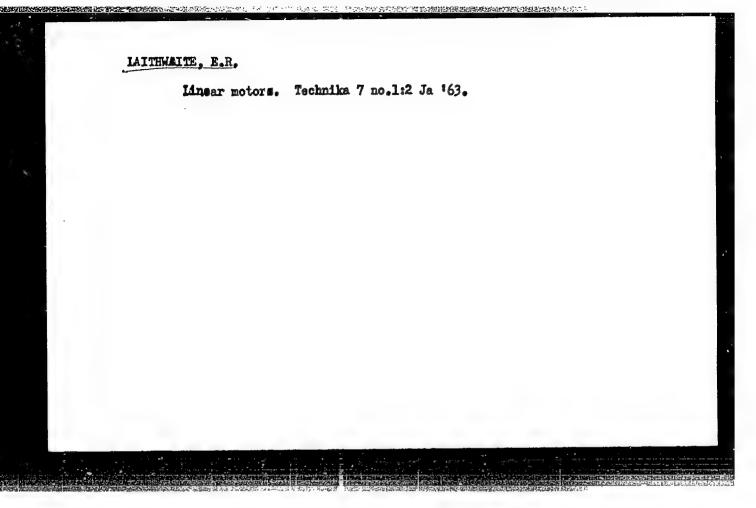
chromatographic separation is illustrated by a graph. There are 2 figures and 5 Czech references.

ASSOCIATION: Výzkumný ústav makromolekulární chemie, Brno (Research Institute of Macromolecular Chemistry,

Brno)

Card 2/2

SUBMITTED: April 1, 1959



SKORPIL, Vaclav, inz.; LAITL, Jan, promovany ekonom

Preparation of the 1965 plan of management and control organization. Drevo 19 no.11:423-424, 426 N 164.

1. Stredoceske drevarske zavody National Enterprise, Prague (for Skorpil). 2. Multar, Prague (for Laitl).

LAITL, J.; Technicka spoluprace: KRAHEC, Z.

Resistance of the body to anoxia during the course of ontogenesis and the effect of chlorpromazine. Cesk. gynek. 28 no.10:659-662 D\*63.

1. Ustav pro peci o matku a dite v Praze, reditel doc. dr. M. Vojta.

\*

The influence of pituitrin on the fetal heart sounds. Cesk. gyn.

23[37] no.5:364-370 July 58.

1. Ustav pro peci o matku a dite, Praha-Fodoli, predmosta prof. dr.

J. Trapl.

(PITUITARY GIAND, POSTERIOR, hormones

pituitrin, eff. of admin. to pregn. women on fetal heart

sounds (Cz))

(PREGNANCY, effect of drugs on

eff. of pituitrin admin, on fetal heart sounds (Cz))
(FETUS, effect of drugs ont
eff. of pituitrin admini during pregn. on fetal heart sounds
(Cz))

(CARDIAC MURMURS AND SOUNDS, eff. of pituitrin admin. during pregn. on fetal heart sounds (Cz))

### LAITL, Josef

Effect of largactil on the survival of young rats in acute hypoxia in relation to the age of the rat and to the environmental temperature. Cesk. gyn. 24[38] no.8:654-659 0 159

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1. Ustav pro peci o matku a dite. Praha-Podoli, reditel doc. dr. M. Vojta, zasl. lekar CSR.

(CHLORPROMAZINE pharmacol.)

(CHLORPHOMAZIAM phis (ANOXIA exper.) (TEMPERATURE eff.)

## VOJTA, M.; IAITL, J.; ZAITLIK, V.

Local application of stilbenes before operating on descending genitalia in older women. Cas. lek. cesk. 99 no.27:851-855 1 Jl '60.

1. Ustav pro peci o matku a dite, Praha-Podoli, reditel. doc. dr. M. Vojta.

(UTERINE PROIAPSE surg.)

(STILBERES ther.)

KAZDA, Stanislav; LAITL, Josef; ZAITLIK, Vojtech

On anesthesia for artificial interruption of pregnancy. Cesk.gyn. 25[39] no.9:672-677 N '60.

1. Ustav pro peci o matku a dite, Praha-Podoli, reditel doc. dr. M. Vojta, zasl. lekar CSSR. (ABORTION THERAPEUTIC anesthe & analg)

### "APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000928420018-7

LAITL, S.

Contribution to a discussion on pipe production. p. 278.

HUTNIK. Vol. 6, no. 9, Sept. 1956

Praha, Czechoslovakia

SOURCE: East European List (EEAL) Library of Congress, Vol. 6, No. 1, January 1957